

Top 20 Chemicals with Largest On-site and Off-site Releases, 1998
ORIGINAL INDUSTRIES

CAS Number Chemical	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds	Off-site Releases Transfers Off-site to Disposal Pounds	Total On- and Off-site Releases Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
-- Zinc compounds	6,814,092	1,224,399	241,925	250	7,525,224	108,863,136	124,669,026	109,306,567	233,975,593
-- Nitrate compounds	638,444	170,668,882	48,677,319	250	5	3,271,171	223,256,071	3,353,061	226,609,132
67-56-1 Methanol	189,081,882	5,891,181	16,592,794	12,001	16,718	1,781,957	213,376,533	1,408,331	214,784,864
7664-41-7 Ammonia	147,704,529	7,136,859	25,247,154	40,854	4,156	3,303,051	183,436,603	1,990,966	185,427,569
-- Manganese compounds	1,566,352	4,471,582	7,755,610	0	3,708,736	49,111,842	66,614,122	39,350,264	105,964,386
108-88-3 Toluene	97,287,386	38,270	589,431	500	13,525	57,945	97,987,057	1,340,500	99,327,557
1330-20-7 Xylene (mixed isomers)	67,821,611	50,450	120,335	750	645	39,234	68,033,025	874,303	68,907,328
110-54-3 n-Hexane	66,865,261	13,904	26,006	500	287	19,550	66,925,508	88,903	67,014,411
-- Copper compounds	3,527,756	92,518	187,150	250	88,468	51,935,641	55,831,783	8,389,933	64,221,716
7782-50-5 Chlorine	59,750,572	232,817	61,632	5	5	56,117	60,101,148	26,435	60,127,583
100-42-5 Styrene	53,704,396	13,437	345,945	0	64,668	258,068	54,386,514	1,998,942	56,385,456
7647-01-0 Hydrochloric acid	53,980,140	2,575	100,099	0	0	21,860	54,104,674	1,313,970	55,418,644
7664-38-2 Phosphoric acid	1,220,514	27,703,308	14,201	0	15,819	21,113,970	50,067,812	4,899,557	54,967,369
78-93-3 Methyl ethyl ketone	46,364,260	54,800	343,413	5	9,150	71,531	46,843,159	899,080	47,742,239
-- Chromium compounds	351,838	112,325	874,795	0	439,441	29,830,307	31,608,706	14,024,492	45,633,198
75-15-0 Carbon disulfide	43,442,463	4,687	16,599	0	0	1,651	43,465,400	5,801	43,471,201
75-09-2 Dichloromethane	39,928,870	15,489	456,962	0	167,615	6,153	40,575,089	253,059	40,828,148
-- Glycol ethers	37,257,860	192,191	1,370	0	16,705	28,366	37,496,492	834,835	38,331,327
-- Lead compounds	848,992	37,272	171,660	0	610,217	15,633,568	17,301,709	16,944,241	34,245,950
74-85-1 Ethylene	30,716,905	3,059	4,217	0	3	80	30,724,264	1,815	30,726,079
Subtotal	948,874,123	217,960,005	101,828,617	55,365	12,681,387	285,405,198	1,566,804,695	207,305,055	1,774,109,750
Total	1,256,951,444	223,365,762	210,544,864	94,525	15,339,494	340,335,380	2,046,631,469	332,213,128	2,378,844,597

Note: On-site Releases from Section 5 of Form R. **Off-site Releases** from Section 6 (off-site transfers to disposal) of Form R.

Off-site releases transferred to other TRI facilities reporting such transfers as on-site releases are not included.

Original Industries include forms with only SIC Codes 20-39, forms with no SIC codes in new industries, and forms with a combination of SIC codes in the range 20-39 and in the new industries from facilities reporting before 1998.

However, forms from one facility, Cyprus Miami Mining in Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 1998 and previous years have been included in the new industry category SIC code 10 for the purpose of this analysis.

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposures of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities which involve toxic chemicals.